

What is claimed is:

1. A non-asbestos friction material comprising:  
a fibrous reinforcement;  
a friction modifier;  
a binder; and

5 a soluble amorphous substance mixed as friction material components,

wherein the soluble amorphous substance is a composition composed of  $\text{SiO}_2$  as a principal component, 18 to 40 wt% of at least one kind of  $\text{CaO}$  and  $\text{MgO}$ , less than 10 wt% of at least one kind of  $\text{Al}_2\text{O}_3$  and  $\text{ZrO}_2$ , and less than 2 wt% of at least one kind of  $\text{Na}_2\text{O}$ ,  $\text{K}_2\text{O}$ ,  $\text{FeO}$  and  $\text{Fe}_2\text{O}_3$ .

2. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is mixed in a range of from 1 wt% to 30 wt% of a total of said  
15 friction material.

3. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is fibrous or granular.

4. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is formed of fibers having an average fiber diameter in a range of from 2  $\mu\text{m}$  to 9  $\mu\text{m}$  and an average fiber length in a range of  
s from 100  $\mu\text{m}$  to 1,500  $\mu\text{m}$ .

5. The non-asbestos friction material according to Claim 1, wherein the soluble amorphous substance is formed of grains having an average grain size in a range of from 2  $\mu\text{m}$  to 100  $\mu\text{m}$ .